

REMARKS

Claims 1-5 and 7-13 are currently pending in the present application. Claims 1, 5, and 10 are independent. Applicants have amended claims 1, 5, and 10 to add only clarifying language, and submit that this amendment does not require any further search or additional consideration on the part of the Examiner. Favorable reconsideration of this application, as amended, is respectfully requested.

Qualcomm Rejections under 35 U.S.C. §102

Claims 1, 5, and 10 stand rejected under 35 U.S.C. §102(a) as being anticipated by QUALCOM M (“1x-BCMCS – Registration for Paging” 3GPP2 Adhoc, September 15, 2003, pages 1-6), hereinafter ‘Qualcomm’. Applicants respectfully traverse this art grounds of rejection.

Qualcomm is directed to a frequency based registration method in which a mobile station registers with the base station whenever the mobile station leaves the hash-to-frequency to monitor a new BCMCS_FLOW_ID. Applicants submit that if the registration is triggered based only on a change in frequency independent of flow, then Qualcomm cannot teach “triggering generation of a registration message in response to a change in flow and frequency” as recited in claim 1.

Furthermore, Qualcomm is silent on using previous registration information from a flow identifier to determine if a given frequency is known to the network. The fact that the Qualcomm teaches re-registering only when moving to another frequency does not suggest that the new frequency is either known or unknown, much less from a flow identifier which was previously registered. Qualcomm fails to teach any such feature and therefore, Applicants submit that the feature “if the second frequency is not known to the network based on a first flow

identifier information previously registered by the mobile station with the network” as recited in claim 1 is not anticipated. Applicants respectfully request the Examiner remove this art grounds of rejection.

For similar reasons to those discussed above with respect to claim 1, Applicants submit that independent claims 5 and 10 are patentable.

Sinnaraja Rejections under 35 U.S.C. §102

Claims 1-13 stand rejected under 35 U.S.C. §102(a) as being anticipated by Sinnaraja (US Pub No. 2003/0114177), hereinafter ‘Sinnaraja’. Applicants respectfully traverse this art grounds of rejection.

Sinnaraja is directed to a method for signaling in a broadcast communications system which triggers the generation of a registration message based on a timer which is maintained by a counter. “The registration is performed periodically in accordance with a status of a timer for a particular HSBS channel. To allow for such a registration, the subscriber station maintains a status of a timer for each HSBS channel (HSBS TIMER_STATUS) to which the subscriber station has subscribed to and is interested in monitoring.” ([0063]-[0064]) This interest in monitoring is discussed further in the Examiner’s cited portions [0069]-[0071] where the triggering of registration is in response to the desire of a subscriber to monitor a different HSBS channel than the one currently being monitored.

Applicants assert that the generation of a registration message is not triggered in response to a change in flow and frequency. Since Sinnaraja only teaches generating a registration based on a time period and a “desire to monitor an HSBS channel,” Sinnaraja does not teach or suggest “triggering generation of a registration message in response to a change in flow and frequency” as recited in claim 1.

Furthermore, in the Examiner's cited paragraph [0063], Sinnaraja teaches a subscriber station registering each and every identity of the HSBS channels the subscriber is interested in monitoring. "Since each HSBS channel modulates a corresponding F-BSCH on a specific frequency, the base station knows which set of frequencies the subscriber station can be found on." Applicants submit that if the network has a list of frequencies the mobile station is subscribed to then Sinnaraja can not teach "if the second frequency is not known to the network based on a first flow identifier information previously registered by the mobile station with the network" as recited in claim 1.

For similar reasons to those discussed above with respect to claim 1, Applicants submit that independent claims 5 and 10 are patentable.

Claims 2-4, 7-9, and 11-13, dependent on claims 1, 5, and 10, are patentable at least for the reasons given with respect to claims 1, 5, and 10.

Claim Rejections under 35 U.S.C. §103 3G-1x-BCMCS in View of Sinnaraja

Claims 1-13 stand rejected under 35 U.S.C. §102(a) as being unpatentable over SWG23 BCMCS ADHOC: "Signaling Support for 1x BCMCS", 28 August 2003, pages 1-53, hereinafter '3G-1x-BCMCS', in view of Sinnaraja (US Pub No. 2003/0114177), hereinafter 'Sinnaraja'. This rejection is respectfully traversed. Even assuming *arguendo* that Sinnaraja could be combined with 3G-1x-BCMCS (which Applicants do not admit), the combination of these references suffers from the same deficiencies as discussed above with respect to Sinnaraja. In other words, the 3G-1x-BCMCS document does not teach of "triggering generation of a registration message in response to a change in flow and frequency" as recited in claim 1 and similarly recited in claims 5, 10, and 11. Applicants therefore contend that the combination of

Sinnaraja and 3G-1x-BCMCS would not render the claimed invention obvious to one skilled in the art.

CONCLUSION

Accordingly, in view of the above amendments and remarks, reconsideration of the objections and rejections and allowance of each of claims 1-12 in connection with the present application is earnestly solicited.

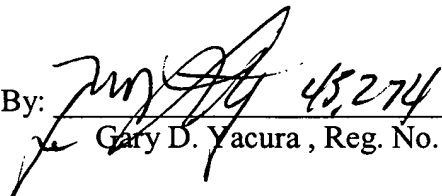
Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicant(s) hereby petition(s) for a two (2) months extension of time for filing a reply to the outstanding Office Action and submit the required \$450.00 extension fee herewith.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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